L Number	Hits	Search Text	DB	Time stamp
1	1430	(((422/129,139,145,146,147) or (118/716)).CCLS.) and heat\$3	USPAT; US-PGPUB;	2004/03/15 19:09
·	·		EPO; JPO; DERWENT; IBM_TDB	
2	100	((((422/129,139,145,146,147) or (118/716)).CCLS.) and heat\$3) and puls\$3	USPAT; US-PGPUB;	2004/03/15 19:09
	·		EPO; JPO; DERWENT; IBM_TDB	
3	96	((422/198,194,190,110).CCLS.) and heat\$3 and puls\$3	USPAT; US-PGPUB; EPO; JPO;	2004/03/15 19:10
*			DERWENT; IBM_TDB	
4	8	(((422/198,194,190,110).CCLS.) or (((422/129,139,145,146,147) or (118/716)).CCLS.)) and (silicon near granule)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 19:11
5	461	((((422/198,194,190,110).CCLS.) or (((422/129,139,145,146,147) or (118/716)).CCLS.)) and (silicon)) not ((((422/198,194,190,110).CCLS.) or (((422/129,139,145,146,147) or (118/716)).CCLS.)) and	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/15 19:11
6	337	(silicon near granule)) ((((422/198,194,190,110).CCLS.) or (((422/129,139,145,146,147) or (118/716)).CCLS.)) and (silicon) and heat\$3) not ((((422/198,194,190,110).CCLS.)) and heat\$3 and puls\$3) not ((((422/129,139,145,146,147)) or (118/716)).CCLS.) and heat\$3) and puls\$3) ((((422/198,194,190,110).CCLS.) or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 19:12
		((((422/129,139,145,146,147) or (118/716)).CCLS.)) and (silicon near granule)) (((((422/129,139,145,146,147) or (118/716)).CCLS.) and heat\$3) and puls\$3))		÷ 3)
7	335	(heat\$3 adj (section or zone or chamber)) and (react\$3 adj (section or zone or chamber)) and puls\$3 and (gas same (nozzle or inject\$3 or inlet))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 19:15
8	4	((heat\$3 adj (section or zone or chamber)) and (react\$3 adj (section or zone or chamber)) and puls\$3 and ((nozzle or inject\$3 or inlet))) and (silicon near granule)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 19:18

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10	53	((((((422/129,139,145,146,147) or (118/716)).CCLS.) and	USPAT;	2004/03/15 19:20
-		heat\$3) (((((422/129,139,145,146,147) or	US-PGPUB;	
		(118/716)).CCLS.) and heat\$3) and puls\$3)	EPO; JPO;	
		((((422/198,194,190,110).CCLS.) and heat\$3 and puls\$3)	DERWENT;	
l		((((422/198,194,190,110).CCLS.) or	IBM_TDB	
		((((422/190,194,190,110).CCL3.) 0)	1011_100	
		(((422/129,139,145,146,147) or (118/716)).CCLS.)) and		
		(silicon near granule)) (((((422/198,194,190,110).CCLS.) or		
		(((422/129,139,145,146,147) or (118/716)).CCLS.)) and		
		(silicon)) not ((((422/198,194,190,110).CCLS.) or		
		(((422/129,139,145,146,147) or (118/716)).CCLS.)) and		
		(silicon near granule))) ((((422/198,194,190,110).CCLS.)		
		(Silicon flear granule))) (((((422/130,131,130,110).0013.)		4
1		or (((422/129,139,145,146,147) or (118/716)).CCLS.)) and		
		(silicon) and heat\$3) not (((((422/198,194,190,110).CCLS.)		
		and heat\$3 and puls\$3) not ((((422/129,139,145,146,147)		
1		or (118/716)).CCLS.) and heat\$3) and puls\$3)		
		((((422/198,194,190,110).CCLS.) or		
		(((422/129,139,145,146,147) or (118/716)).CCLS.)) and		
	•	(silicon near granule)) (((((422/129,139,145,146,147) or		
	n ²	(\$11001 fleat granule)) ((((\frac{122}{129},139,143,140,147) 0)		
		(118/716)).CCLS.) and heat\$3) and puls\$3))) ((heat\$3 adj		
		(section or zone or chamber)) and (react\$3 adj (section or		
		zone or chamber)) and puls\$3 and (gas same (nozzle or		
* * *		inject\$3 or inlet))) (((heat\$3 adj (section or zone or		
		chamber)) and (react\$3 adj (section or zone or chamber))		0
		and puls\$3 and ((nozzle or inject\$3 or inlet))) and (silicon		
		near granule))) and @pd>=20040107		
	2020	(422/420 420 445 446 447) or (419/716)) CCLS	USPAT;	2004/01/07 09:46
-	2838	((422/129,139,145,146,147) or (118/716)).CCLS.		2004/01/07 05.10
			US-PGPUB;	
	*		EPO; JPO;	•
		•	DERWENT;	
			IBM_TDB	
. 3	1409	(((422/129,139,145,146,147) or (118/716)).CCLS.) and	USPAT;	2004/03/15 19:09
- '	1409		US-PGPUB;	
		heat\$3	EPO; JPO;	
			DERWENT;	
		*	IBM_TDB	
-	94	((((422/129,139,145,146,147) or (118/716)).CCLS.) and	USPAT;	2004/03/15 19:09
		heat\$3) and puls\$3	US-PGPUB;	
		manda) min kanata	EPO; JPO;	
			DERWENT;	
	*		IBM_TDB	
		(Independent and It and	_	2004/01/06 18:18
	2	("20020081250").PN.	USPAT;	2007/01/00 10.10
			US-PGPUB;	
1.			EPO; JPO;	
			DERWENT;	
		•	IBM_TDB	
	2254	(422/198,194,190,110).CCLS.	USPAT;	2004/01/07 09:00
1 -	3254	(422/130/134,130,110).CCLS.	US-PGPUB;	230 1/ 02/ 07 05:00
1				
			EPO; JPO;	,
	1		DERWENT;	
	·		IBM_TDB	
	92	((422/198,194,190,110).CCLS.) and heat\$3 and puls\$3	USPAT;	2004/03/15 19:10
	• 72	//	US-PGPUB;	
1			EPO; JPO;	
				*
	in the state of th	*	DERWENT;	
			IBM_TDB	
-	87	(((422/198,194,190,110).CCLS.) and heat\$3 and puls\$3) not	USPAT;	2004/01/07 09:01
		((((422/129,139,145,146,147) or (118/716)).CCLS.) and	US-PGPUB;	
		heat\$3) and puls\$3	EPO; JPO;	
		House, and paises	DERWENT;	
			IBM_TDB	
1	1		םטו_ויוסנ	<u> </u>

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-	2838	((422/129,139,145,146,147) or (118/716)).CCLS.	USPAT; US-PGPUB;	2004/01/07 09:46
			EPO; JPO; DERWENT;	
			IBM_TDB	
-	8	(((422/198,194,190,110).CCLS.) or	USPAT;	2004/03/15 19:11
		(((422/129,139,145,146,147) or (118/716)).CCLS.)) and (silicon near granule)	US-PGPUB; EPO; JPO;	
		(sincorr rear granule)	DERWENT;	*
	_		IBM_TDB	
-	439	((((422/198,194,190,110).CCLS.) or	USPAT;	2004/03/15 19:11
		(((422/129,139,145,146,147) or (118/716)).CCLS.)) and (silicon)) not ((((422/198,194,190,110).CCLS.) or	US-PGPUB; EPO; JPO;	·
		(((422/129,139,145,146,147) or (118/716)).CCLS.)) and	DERWENT;	
		(silicon near granule))	IBM_TDB	
-	94	((((422/129,139,145,146,147) or (118/716)).CCLS.) and	USPAT;	2004/01/07 10:59
		heat\$3) and puls\$3	US-PGPUB;	
			EPO; JPO; DERWENT;	,
			IBM_TDB	
-	324	((((422/198,194,190,110).CCLS.) or	USPAT;	2004/03/15 19:12
		(((422/129,139,145,146,147) or (118/716)).CCLS.)) and	US-PGPUB;	
	0	(silicon) and heat\$3) not (((((422/198,194,190,110).CCLS.) and heat\$3 and puls\$3) not ((((422/129,139,145,146,147)	EPO; JPO; DERWENT;	
0		or (118/716)).CCLS.) and heat\$3) and puls\$3)	IBM_TDB	
		(((((422/198,194,190,110).CCLS.) or	_	
ĺ		(((422/129,139,145,146,147) or (118/716)).CCLS.)) and		
		(silicon near granule)) (((((422/129,139,145,146,147) or (118/716)).CCLS.) and heat\$3) and puls\$3))		
-	319	(heat\$3 adj (section or zone or chamber)) and (react\$3 adj	USPAT;	2004/03/15 19:13
		(section or zone or chamber)) and puls\$3 and (gas same	US-PGPUB;	, .
		(nożzle or inject\$3 or inlet))	EPO; JPO;	
			DERWENT; IBM_TDB	
-	311	((heat\$3 adj (section or zone or chamber)) and (react\$3 adj	USPAT;	2004/01/08 10:15
		(section or zone or chamber)) and puls\$3 and (gas same	US-PGPUB;	
		(nozzle or inject\$3 or inlet))) not	EPO; JPO;	
		((((422/198,194,190,110).CCLS.) and heat\$3 and puls\$3) ((((422/198,194,190,110).CCLS.) and heat\$3 and puls\$3)	DERWENT; IBM_TDB	
		not ((((422/129,139,145,146,147) or (118/716)).CCLS.) and	TOM_TOD	
		heat\$3) and puls\$3) ((((422/198,194,190,110).CCLS.) or		
		(((422/129,139,145,146,147) or (118/716)).CCLS.)) and		
		(silicon near granule)) (((((422/129,139,145,146,147) or		
	·	(118/716)).CCLS.) and heat\$3) and puls\$3) (((((422/198,194,190,110).CCLS.) or		
•		((((422/129,139,145,146,147) or (118/716)).CCLS.)) and		
	*	(silicon) and heat\$3) not (((((422/198,194,190,110).CCLS.)		
		and heat\$3 and puls\$3) not ((((422/129,139,145,146,147)		
		or (118/716)).CCLS.) and heat\$3) and puls\$3) ((((422/198,194,190,110).CCLS.) or		.
.		(((422/129,139,145,146,147) or (118/716)).CCLS.)) and		
		(silicon near granule)) (((((422/129,139,145,146,147) or		
		(118/716)).CCLS.) and heat\$3) and puls\$3))))	LICDAT	2004/04/00 40 34
-	4	((heat\$3 adj (section or zone or chamber)) and (react\$3 adj (section or zone or chamber)) and puls\$3 and (gas same	USPAT; US-PGPUB;	2004/01/08 10:24
		(nozzle or inject\$3 or inlet))) and (silicon near granule)	EPO; JPO;	
-		(, y	DERWENT;	
		· ·	IBM_TDB	

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		discussion of the control of the con	LICDAT:	2004/01/08 10:15
	369	((heat\$3 adj (section or zone or chamber)) and (react\$3 adj	USPAT;	2004/01/06 10.13
		(section or zone or chamber)) and puls\$3 and (nozzle or	US-PGPUB;	
		inject\$3 or inlet)) not ((((422/198,194,190,110).CCLS.) and	EPO; JPO;	
		heat\$3 and puls\$3) ((((422/198,194,190,110).CCLS.) and	DERWENT;	
		heat\$3 and puls\$3) not ((((422/129,139,145,146,147) or	IBM_TDB	
		(118/716)).CCLS.) and heat\$3) and puls\$3)	_	
		((((422/198,194,190,110).CCLS.) or		
ł		((((422/190,194,190,110).CCL3.) 01		
		((((422/129,139,145,146,147) or (118/716)).CCLS.)) and		
		(silicon near granule)) (((((422/129,139,145,146,147) or		
		(118/716)).CCLS.) and heat\$3) and puls\$3)		
		(((((422/198,194,190,110).CCLS.) or		
i	-	((((422/129,139,145,146,147) or (118/716)).CCLS.)) and		
		(((422/129,139,149,147) or (110/10)).ccts.)) and		
		(silicon) and heat\$3) not (((((422/198,194,190,110).CCLS.)		,
		and heat\$3 and puls\$3) not ((((422/129,139,145,146,147)		
	,	or (118/716)).CCLS.) and heat\$3) and puls\$3)		:
		((((\dagger)422/198,194,190,110).CCLS.) or		
		((((422/129,139,145,146,147) or (118/716)).CCLS.)) and		
		(((422/129,139,149,147) of (110/710)).cccs.)) and		
		(silicon near granule)) (((((422/129,139,145,146,147) or		
		(118/716)).CCLS.) and heat\$3) and puls\$3))))		
	58	(((heat\$3 adj (section or zone or chamber)) and (react\$3	USPAT;	2004/01/08 10:16
		adj (section or zone or chamber)) and puls\$3 and (nozzle or	US-PGPUB;	
		inject\$3 or inlet)) not ((((422/198,194,190,110).CCLS.) and	EPO; JPO;	
	ĺ		DERWENT;	
		heat\$3 and puls\$3) ((((422/198,194,190,110).CCLS.) and		
		heat\$3 and puls\$3) not ((((422/129,139,145,146,147) or	IBM_TDB	
		(118/716)).CCLS.) and heat\$3) and puls\$3)		
		((((422/198,194,190,110).CCLS.) or	•	*
		(((422/129,139,145,146,147) or (118/716)).CCLS.)) and		
		(((422/129,139,149,147) or (110/710)).cccs.)) and		
		(silicon near granule)) (((((422/129,139,145,146,147) or		
		(118/716)).CCLS.) and heat\$3) and puls\$3)		
		(((((422/198,194,190,110).CCLS.) or		20
		(((422/129,139,145,146,147) or (118/716)).CCLS.)) and		
		(silicon) and heat\$3) not (((((422/198,194,190,110).CCLS.)		
		(Silicon) and nearth 3 and number 3) not ((((422/190/1919/190/190/190/190/190/190/190/19		
		and heat\$3 and puls\$3) not ((((422/129,139,145,146,147)		
		or (118/716)).CCLS.) and heat\$3) and puls\$3)		
		((((422/198,194,190,110).CCLS.) or		
		(((422/129,139,145,146,147) or (118/716)).CCLS.)) and		
		(silicon near granule)) (((((422/129,139,145,146,147) or		
		(118/716)).CCLS.) and heat\$3) and puls\$3))))) not	*	
		(118//10)).CCLS.) and nearby) and puisby))))) not	!	
		((heat\$3 adj (section or zone or chamber)) and (react\$3 adj		
		(section or zone or chamber)) and puls\$3 and (gas same		
		(nozzle or inject\$3 or inlet))) not	1	
	-	((((422/198,194,190,110).CCLS.) and heat\$3 and puls\$3)	[
		((((422/198,194,190,110).CCLS.) and heat\$3 and puls\$3)	1	
		((((\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
		not ((((422/129,139,145,146,147) or (118/716)).CCLS.) and		
		heat\$3) and puls\$3) ((((422/198,194,190,110).CCLS.) or		
		(((422/129,139,145,146,147) or (118/716)).CCLS.)) and		*
		(silicon near granule)) (((((422/129,139,145,146,147) or	54.5	
		(118/716)).CCLS.) and heat\$3) and puls\$3)		
				1
-		(((((422/198,194,190,110).CCLS.) or		
		(((422/129,139,145,146,147) or (118/716)).CCLS.)) and	1	
		(silicon) and heat\$3) not (((((422/198,194,190,110).CCLS.)		
		and heat\$3 and puls\$3) not ((((422/129,139,145,146,147)		
		or (118/716)).CCLS.) and heat\$3) and puls\$3)		
		((((422/198,194,190,110).CCLS.) or		
		(((422/129,139,145,146,147) or (118/716)).CCLS.)) and		
		(silicon near granule)) (((((422/129,139,145,146,147) or		
		(118/716)).CCLS.) and heat\$3) and puls\$3))))		
		(110//10)/.ccto. / and nearby and pulses /// and (reacted add	USPAT;	2004/03/15 19:18
		((heat\$3 adj (section or zone or chamber)) and (react\$3 adj	USPAI,	1 500-1/00/10 ID:IG
	4	13	LIC DODLID	1
	4	(section or zone or chamber)) and puls\$3 and ((nozzle or	US-PGPUB;	
	4	(section or zone or chamber)) and puls\$3 and ((nozzle or inject\$3 or inlet))) and (silicon near granule)	EPO; JPO;	
	4	(section or zone or chamber)) and puls\$3 and ((nozzle or		

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